BRUHATH BANGALORE MAHANAGARA PALIKE,

"Schedule-B"

Name of the Work : Modified and change of Work for Construction of Electrical timer cables and power saving arrangements with all accessories in Ward No 4

Sl. No	Qty	Discription		Quoted Rate	Rates in Words
1	65	Supplying High pressure sodium vapour street light fitting die cast aluminium canopy with aluminium housing for control gear, finished stove enamel gray glassy white canopy interior with a pair of anodized aluminium reflectors with toughened flat glass, gasket lining for drip insect resistance duly wired with porcelain holder copper choke, igniter and HPF condenser including a sodium vapour lamp.II 250 Wattsa) Group 'A'	Each	6150.00	Rupees Six Thousand One Hundred and Fifty Only
2	65	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete.b) Using 32mm dia G.I pipe	Each	685.00	Rupees Six Hundred and Eighty Five Only
3	15	Supply and fixing of …… cross arm including all Hardwares compete as per the standard technical specification.b) 2 Pin 45x45x5mm-510mm	Each	123.00	Rupees One Hundred and Twenty Three
4	50	Supplying and Fixing….. including all Hardwares etc complete as per the Standard technical Specification. a) 1.1 KV Pin insulator	Each	70.00	Rupees Seventy Only
	15	d) No.8 Strain Insulator	Each	24.00	Rupees Twenty
5	2500	Supplying and stringing of ACSR Conductor (6/2.59mm Al+1/2.59mm steel)	Mtr	19.80	Rupees Ninteen and Eighty Paise
6	15	Supplying and fixing …….. including all Hardwares etc complete as per the standard technical specification e) RCC Clamp	Each	61.00	Rupees Sixty One Only
7	395000	Fabricating supplying and mounting MS box made out… SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., completeb) 16 SWG	sqcm	0.33	Rupees Zero and Thirty Three Paise Only
8	13	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete d) 100 Amps	Each	415.00	Rupees Four Hundred and Fifteen Only
9	11	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc.,Group 'A' PWD SR 2007-08	Each	4200.00	Rupees Four Thousand and Two Hundred
10	11	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. a) 5-32 Amps SP 1) Group 'A'.	Each	195.00	Rupees One Hundred and Ninty Five Only

For Ramya Eletricals

Proprietor

Sl. No	Qty	Discription		Quoted Rate	Rates in Words
11	10	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.d) 100-125 Amps	Each	7450.00	Rupees Seven Thousand Four Hundred and Fifty Only
12	100	Supplying and fixing angle iron frame work fabricated out of M.S angle iron… and M.S. flat… with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	Rmtr	240.00	Rupees Two Hundred and Forty Only
13	85	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV ClassI. Class 'A' PVC Cable d) 4 core 16sqmm	per mtr	150.00	Rupees One Hundred and Fifty Only
14	85	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.II. On wall /Structure a) 6 sqmm to 16sqmm	Rmtr	18.00	Rupees Eighteen Only
15	40	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes f) 16 sqmm	Each	14.00	Rupees Forteen Only
16	30	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal Magnetci Microprocessed release and Earth Fault as per IS-13947. (Icu=Ics) THREE POLE a) 100 Amps 25 kA,2) Group 'B'	Each	3460.00	Rupees Three Thousand Four Hundred and Sixty Only
17	25	Supplying…….amps rated 3 phase with neutral bus bar using requirement capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6 mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.a) 100Amps 4x30x6mm Alluminium Strips	Rmtr	1600.00	Rupees One Thousand and Six Hundred Only
18	14	Supply and erection of ……..mtr RCC pole including earth work etc., complete as per the standard technical specification.b) 9 Mtr 145Kg WL	Each	6583.00	Rupees Six Thousand Five Hundred and
19	0	Supplying 70/125 Watts MH integral post top lantern Metal halide fitting suitable for pole mounted with fully vermin, weather proof, elegant in shpae, appearance, UV stabilized clear acrylic diffusers, camouflaged horizontal lamp, IP 54 protection. Electrical safety class 1. The fitting shall have ferromagnetic copper choke with capacitor, igniter and fully wired to operate on 230 V 50Hz AC supply with 70 /125 Watts MH Lamp..a) Group 'A'	Each	5230.00	Rupees Five Thousand Two Hundred and Thirty Only
20	3000	LT 3 phase 5 wire Aerial Bunched Cable of size 3X25+1X16+1X25+1X35 sqmm (Standard Stock materials 2010-11)	P/Mtr	81.45	Rupees Eighty One and Forty Five Paise Only
	0	LT 1 phase 3 wire Aerial Bunched Cable of size 1X25+1X16+1X25 sqmm	P/Mtr	40.10	Rupees Forty and Ten Paise Only
21	3000	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 25 Sq mm + 1X 16 sqmm + 1X 25Sqmm + 1X 35 sqmm)	P/Mtr	8.96	Rupees Eight and Ninty Six Paise Only
22	200	Piercing connector suitable 16 Sqmm - 95 Sqmm AB cable service connections (Standard Stock materials 2010-11)	Nos	210.00	Rupees Two Hundred and Ten
23	14	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos	140.00	Rupees One Hundred and

For Ramya Electricals

Proprietor

	Qty	Discription		Quoted Rate	Rates in Words
	100	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos	280.00	Rupees Two Hundred and
25	100	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos	85.00	Rupees Eighty Five Only
26	14	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos	85.00	Rupees Eighty Five Only
27	200	Istallation of insulation piercing connector for main to street light Main: 16 -95 sqmm,Tap: 1.5-10 sqmm (EP 95)	Nos	40.00	Rupees Forty Only
28	0	Digging of pits 1.5 mtr depth for errection of of 7.5/8 mtr Long steel/RCC/PSC/PCC supports Hard soil	Per Pit	529.00	Rupees Five Hundred and Twenty Nine Only
29	0	Concrete Works Providing cement concrete to poles and guysets with material and labour including necessary curing etc., comlpete (cost does not include excavation) c) Providing coping for pole with CC1:2:4 (as per actuals)	Each	200.00	Rupees Two Hundred Only
30	0	Errection of Poles : Releasing and Re-Errection of Steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, I beam of sizes 200 X 100 mm, 175X 90 mm , 125 X 100 mm, Fabricated poles, tubular poles in pits of 1.8 mtr Depth, aligning, refilling with soil For Errection =Rs 154.00 releasing of materials shall be 90 % of the cost of ereection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06. Therefore Releasing and Re-Errection = Rs 154.00+ 0.9X154.00=292.60	Nos	292.60	Rupees Two Hundred Ninty Two and Sixty Paise Only
31	0	Street Light and other Works Releasing and Fixing of mercury Vapour lamp fitting /Ornamental light fitting with Control Boxes etc.For Fixing =Rs 224.00 releasing of materials shall be 90 % of the cost of ereection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06. Therefore Releasing and Fixing = Rs 224.00+ 0.9X224.00=292.60	Set	425.60	Rupees Four Hundred Twenty Five and Sixty Paise Only
32	0	Hire Charges Components for Tractor 50 HP ,Sl no 20, Page No XXXIV, KPWD SR CIVIL 2010-11.Per Day Rs 2240.00	Day	2240.00	Rupees Two Thousand Two Hundred and Forty Only
33	80	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. c) 5-32 Amps DP1) Group 'A'	Each	510.00	Rupees Five Hundred and Ten Only
34	80	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., completeb) 32 Amps	Each	100.00	Rupees One Hundred Only
35	300	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Classl. Class 'A' PVC Cable f) 3.5 core 35sqmm	per mtr	250.00	Rupees Two Hundred and Fifty Only
36	56	e) 3.5 core 25sqmm	per mtr	215.00	Rupees Two Hundred and Fifteen Only
37	356	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.II. On wall /Structure b) 25 sqmm to 75 sqmm	Rmtr	11.00	Rupees Eleven Only

For Ramya Electricals

Proprietor

Sl. No	Qty	Discription		Quoted Rate	Rate in Words
38	700	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cabe in open or consealed system of wiring. I Group A Materials.c) 2.5 sqmm	mtr	25.00	Rupees Twenty FiveOnly
39	100	d) 4 sqmm	mtr	32.00	Rupees Thirty Two Only
40	15	Fabricating, supplying and erecting swaged tubular pole of height… Mtr having three sections and providing two coats of re oxide paint and finished with two coats of enameled paint of approved quality and colour and M.S. Base plate of suitable size welded at the bottom of the pole (as per IS) and 40 mm dia GI/flexible PVC pipe of 1 Mtr. Length fitted to the heavy gauge polycarbonate control box including 5 way connector of size 167x125x82mm for 7.5 M pole/ 200x160x98 mm for remaining length of pole with front opening cover, with locking arrangements and suitable capacity MCB/DP Switch. The pole shall be erected n cement concrete work(1:2:4) including excavation and refilling of planting depth of the pole to the ground level and the coping CC shall be upto 0.6M above ground level as per IS 2713-7.I. Erection of light duty pole on-Foot path a) 7.5 Mt (4.5Mt Hb 114.3mm dia 4.5mm thick x 1.5M Hm,88.9mm dia 4.50mm thick x 1.5M Ht. 76.1mm dia 3.25mm thick) as per IS 410 SP 5 (Base plate of size 300X300X6mm)-KPWD ELE SR 2007-08	Each	9000.00	Rupees Nine Thousand Only
41	15	Supplying and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaries and shall be mounted on Octogonal pole using necessary bolts, nuts, etc., complete.a) Single Arm Bracket with 1000mm Standard	Each	1650.00	Rupees One Thousand Six Hundred and Fifty Only
42	10	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class . a. 40 mm	Rmtr	240.00	Rupees Two Hundred and Forty Only
43	20	Supply and Installation/Fixing /Provision for mounting of HRC Fuse /MCB with suitable connector/teminal for 3 Ph/1 Ph connections with Loop-in & Loop-Out terminals for 10 Sqmm/25 sqmm 3.5 C AI/AR/Cu/AR Cable and branchout 2.5 Sqmm 2 Core AI/Cu PVC insulated cable, enclosure, which should be shock proof, safe IP 65 (Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP 65 Thermoplastic, Polyamide glands and /or grommets.b) 260x210x116mm	Each	1570.00	Rupees One Thousand Five Hundred and Seventy Only
44	40	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB 1-2, P-7)b. In hard Soil	Rmtr	50.00	Rupees Fifty Only
45	10	d. Asphalt cutting	Rmtr	80.00	Rupees Eighty Only
46	2	Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit… the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12 mm dia	Each	1950.00	Rupees One Thousand Nine Hundred and Fifty Only
47	2	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc c. 25 Sqmm	Each	286.00	Rupees Two Hundred and Eighty Six Only

For Ramya Electricals

Proprietor

	Qty	Discription		Quoted Rate	Rates in Words
	3	Supplying and Fixing 4 Nos of 590 mm length High Yield Tensile Cold Rolled Pitched threads (680 N/sq mm) 27 mm Bolt dia (Mkt Rate)	Nos	1350.00	Rupees One Thousand Three Hundred and Fifty Only
49	12	Hire Charges Components for Crane Charges , crane 80 tonnes Sl no 86, code no 1311, Page No XXXX, KPWD SR CIVIL 2012-13	hr	866.00	Rupees Eight Hundred and Sixty Six Only
50	4	Material Components for Trailor 30 tonne capacity .Sl no821, Page No XXIX, KPWD SR CIVIL 2012-13	hr	1000.00	Rupees One Thousand Only
51	12	Releasing and Re-Fixing halogen/metal halide/SVL/IL floodlight fitting over existing pole/wall ceiling including clamps ,bolts ,nuts and wiring using suitable capacity wires complete i.e Rs=130.00 for fixing & 0.9 of Rs=130.0	Each	247.00	Rupees Two Hundred and Forty Seven Only
52	24	Supplying and drawing PVC flexible unarmoured copper control cable of approved make.E) 8c x 2.5Sqmm.1 Group A	Per mtr	316.00	Rupees Three Hundred and Sixteen Only
53	1	Casting of suitable foundation for the 16/20 mtr High mast including designing and cost of all materials like Anchor plates,Template and washers labour charges, all other incidental charges etc,. complete as per specification and Drawing given in KPWD elect SR 2010-11(P.No 107) Detailed Calculation as per CIVIL SR items Enclosed.	Each	26914.00	Rupees Twenty Six Thousand Nine Hundred and Forteen Only
54	3	Supply and fixing of 70 Watts heavy duty open construction ferromagnetic copper ballast for HPSV/HPMH lampsd) 400 Watts1. Group A	Each	1680.00	Rupees One Thousand Six Hundred and Eighty Only
55	6	Supplying and fixing of HPMH lamps on existing fitting mounted on tubular poleI) Single end d) 400 Watts	Each	1152.00	Rupees One Thousand One Hundred and Fifty Two Only
56	6	Supplying and and fixing/replacement of ignitor suitable for 70 to 400 watts SV/MH fittings	Each	520.00	Rupees Five Hundred and Twenty Only
57	2	Material Components for Anchor Plates (IS 2062) Sl no 423, code no 0712, Page No XIV, KPWD SR CIVIL 2012-13	Each	705.00	Rupees Seven Hundred and Five Only
58	350	LT 3 Phase ABC Cable of Size 3X95+1X16+1X70 Sqmm insulated Messenger	mtr	292.27	Rupees Two Hundred Ninty Two and Twenty Seven Paise Only
59	10	Piercing Connector suitable for 16 Sqmm- 95 Sqmm, AB cable Street light Connection	No	152.00	Rupees One Hundred Fifty Two Only
60	45	Piercing Connector suitable for 16 Sqmm-95 Sqmm, ABC cable Service Connection	No	217.00	Rupees Two Hundred Seventeen Only
61	10	Universal Hook Bolt, nut etc.,	No	289.00	Rupees Two Hundred Eighty Nine Only

For Ramya Electricals

Proprietor

Sl. No	Qty	Discription		Quoted Rate	Rat Wor
62	10	RCC pole clamp-(154mmx95 clamps) to fix the universal hook	No	280.00	Rupees Tw Hundred Eighty Only
63	4	Dead end clamp/Anchor clamps assembly	No	145.00	Rupees One Hundred Forty Five Only
64	4	Suspension Clamp assembly	No	289.00	Rupees Two Hundred and Eighty Nine Only
65	3	Pre-insulated Lugs CPTAU for 95 sqmm for transformer connection	No	360.00	Rupees Three Hundred and Sixty Only
66	6	Bare to LV ABC connector -Type :-CDR/CN 1S 95UK	No	360.00	Rupees Three Hundred and Sixty Only
67	3	Cable Straight thru' joint kits suitable for 95 Sq mm	No	310.00	Rupees Three Hundred and Ten Only
68	2	End cap for 50/70 Sqmm	No	19.00	Rupees Ninteen Only
69	20	16/25 Sqmm Aluminium Lead wires.10Mtrs/pole	No	20.00	Rupees Twenty Only
70	350	Stringing LT 3 Phase ABC Cable of Size 3X95+1X16+1X70 Sqmm insulated Messenger	mtr	10.75	Rupees Ten and Seventy Five Paise Only
71	10	Installation of Piercing Connector suitable for 16 Sqmm- 95 Sqmm, AB cable Street light Connection	No	48.00	Rupees Forty Eight Only
72	45	Installation of Piercing Connector suitable for 16 Sqmm-95 Sqmm, ABC cable Service Connection	No	68.00	Rupees Sixty Eight Only
73	4	Installation of Piercing Connector suitable for 25Sqmm-95 Sqmm, ABC cable Service Connection(main to main for phase cable	No	57.00	Rupees Fifty Seven Only
74	10	Fixing of Universal Hook Bolt, nut etc.,	No	102.00	Rupees One Hundred and Two Only
75	10	Fixing of RCC pole clamp-(154mmx95 clamps) to fix the universal hook	No	39.00	Rupees Thirty Nine Only
76	4	Fixing of Deadend clamp/Anchor clamps assembly	No	136.00	Rupees One Hundred Thirty Six Only
77	4	Fixing of Suspension Clamp assembly	No	102.00	Rupees One Hundred and Two Only
78	6	Installation of Bare to LV ABC connector -Type :-CDR/CN 1S 95UK	No	118.00	Rupees One Hundred and Eighteen Only
79	3	Installation of Straight joint(Full Tension) suitable for 70 Sqmm,LT,AB cable -MJPT Type	No	113.00	Rupees One Hundred and Thirteen Only

For Ramya Elotricals

Proprietor

	Qty	Discription		Quoted Rate	Rates in Words
80	45	Releasing and Refixing of Service mains SR page No 10 Rs 25 Per connection	No	30.00	Rupees Thirty Only
81	12	Releasing of Pin Insulator	No	50.00	Rupees Fifty Only

I am prepared to take up the above work at the Rates Quoted by me in Schedule-B

For Ramya Electricals

Signature of the Contractor

Proprietor

EXECUTIVE ENGINEER (ELECL)
Yelahanaka Zone, BBMP